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PHOTOGRAPHIC INTERPRETATION REPORT

**SAM INSTALLATIONS
IDENTIFIED ON
KEYHOLE MISSION 9062**

NPIC/R-182/64

March 1964

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Declassification Review by NIMA / DoD

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This report has been prepared in response to CIA requirement C-RR4-81,019, requesting information on surface-to-air missile (SAM) installations identified on photography from KEYHOLE Mission 9062 of December 1963. As of 3 March 1964 (the cutoff date for the study on which this report is based), a total of 30 SAM installations had been identified on this coverage. Twenty-seven of these are SA-2 SAM sites and three are SAM support facilities. No SA-3 SAM sites were identified

on Mission 9062.

All of the installations are located in the USSR with the exception of three SA-2 sites and one SAM support facility in Egypt. All are of standard size, and configurations and types, where determinable, appear normal. Detailed information on each SAM site and support facility is presented in Table 1. Photographs (derived from Mission 9062) of the installations are also provided (Figures 1-30).

Table 1. Data on SA-2 SAM Sites and SAM Support Facilities Identified on Mission 9062

Installation	BE No	Geographic Coordinates	Configuration Type	Construction Status	Remarks*	First Photographic Coverage	Negation Date	Map Reference (USATC Series 200: Sheet No, Edition Date)	NPIC No	Figure No
USSR										
<u>SA-2 SAM Sites</u>										
Aktyubinsk D20-2		49-45-00N 57-00-00E	Undeterminable	Complete	-----			0286-13HL, Mar 63	1-I	1
Cheremkhovo B18-2		52-49-45N 103-07-30E	Link	Complete	No on-site support facility visible			0200-16HL, May 63	3-D	2
Cheremkhovo C10-2		53-07-15N 103-42-00E	Link	Complete	-----			0200-16HL, May 63	3-C	3
Gori B06-2		42-05-10N 44-20-10E	Probable link	Complete	-----			0325-11A, Feb 58	23	4
Kaliningrad A06-2		54-44-20N 20-32-30E	Snow cover precludes determination	Complete	Location in city suggests possible training role for site; presence of on-site support facility undeterminable			0169-10AL, May 62	58-A	5
Kirovabad A16-2		40-36-40N 46-23-30E	Undeterminable (no internal road pattern)	Complete	-----			0325-23A, Jun 58	26-G	6
Kiyev B08-2		50-30-10N 30-51-25E	Snow cover precludes determination	Complete	-----			0233-9HL, May 62	29-W	7
Komsomolsk B22-2		50-25-00N 136-53-30E	Snow cover precludes determination	Complete	Revetments barely discernible			0204-8HL, Feb 62	13-Z	8
Krolevets B09-2		51-33-10N 33-44-40E	Probable link	Complete	No on-site support facility			0233-5HL, Jun 62	106-B	9

See footnote at end of table.

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Table 1. (Continued)

Installation	BE No	Geographic Coordinates	Configuration/Type	Construction Status	Remarks*	First Photographic Coverage	Negation Date	Map Reference (USATC Series 200; Sheet No, Edition Date)	NPIC No	Figure No
USSR										
SA-2 SAM Sites (Continued)										
Kyurdamir A02-2		54-23-00N 56-19-30E	Undeterminable (internal road pattern not complete)	Late stage	No on-site support facility			325-24A, Oct 63	32-A	10
Mingeaur C12-2		50-32-45N 7-38-20E	Link	Complete	No on-site support facility			325-23A, Jun 58	39-I	11
Minsk D26-2		54-43-30N 26-33-45E	Fan	Complete	No on-site support facility visible			0168-14HL, Dec 62	46-R	12
Mys Shimpunskiy B31-2		53-12-48N 159-46-30E	Snow cover precludes determination	Complete	Site unrevetted			0194-18A, Oct 57	23	13
Mys Shimpunskiy A36-2		53-14-55N 159-59-56E	Undeterminable	Complete	Site unrevetted; presence of on-site support facility undeterminable; housing available nearby			0194-18A, Oct 57	23-A	14
Ostrog MRBM Complex B15-2		50-07-30N 26-52-05E	Snow cover precludes determination	Complete	No on-site support facility visible			0233-12HL, Jun 62	51-D	15
Priluki B33-2		50-49-00N 32-06-00E	Snow cover precludes determination	Complete	No on-site support facility			0233-9HL, May 62	46-H	16
Rubtsovsk A09-2		51-31-30N 81-28-10E	Undeterminable (no internal road pattern)	Complete	-----			0239-2AL, Nov 59	4-D	17

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See footnote at end of table.

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Table 1. (Continued)

Installation	BE No	Geographic Coordinates	Configuration Type	Construction Status	Remarks*	First Photographic Coverage	Negation Date	Map Reference (USATC Series 200; Sheet No, Edition Date)	NPIC No	Figure No
USSR										
SA-2 SAM S										
Svobodnyy ICBM Comp B01-2		52-07-30N 128-17-00E	Snow cover precludes determination	Complete	-----			0198-25HL, Mar 60	13	18
Svobodnyy ICBM Comp B09-2		51-53-45N 128-45-05E	Snow cover precludes determination	Complete	-----			0203-3HL, Oct 62	27-G	19
Svobodnyy ICBM Comp C29-2		51-58-00N 127-41-10E	Snow cover precludes determination	Complete	-----			0203-3HL, Oct 62	27-E	20
Vilnius A34-2		54-48-50N 25-12-30E	Snow cover precludes determination	Complete	No on-site support facility visible			0165-8HL, Dec 62	79-I	21
Vladivostok C11-2		43-00-50N 132-26-00E	Fan	Complete	Presence of on-site support facility undeterminable			0291-6HL Jan 63	48-I	22
Zhitomir A20-2		50-12-40N 28-39-20E	Probable star	Complete	Presence of on-site support facility undeterminable; site situated on edge of town			0233-13HL, May 62	67-L	23
Zhitomir A31-2		50-16-30N 28-37-15E	Snow cover precludes determination	Complete	Location near city suggests possible training role for site			0233-13HL, May 62	67-K	24
USSR										
SAM Support Facility										
Irkutsk		52-14-20N 94-13-10E	Type I	Complete	-----			0200-22HL, May 62	4-U	25
Tbilisi		41-37-05N 45-52-56E	Type I	Complete	-----			0325-12A, Feb 58	61-I	26

See footnote at end of table.

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Table 1. (Continued)

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Installation	BE No	Geographic Coordinates	Configuration/Type	Construction Status	Remarks*	First Photographic Coverage	Negation Date	Map Reference (USATC Series 200; Sheet No, Edition Date)	NPIC No	Figure No
EGYPT										
<u>SA-2 SAM Sites</u>										
Al Iskan-dariyah (no designator at present)	None	31-05-10N 29-43-20E	Probable fan; internal road pattern indistinct	Complete	-----			0448-10HL, Apr 62	2-I	27
As Suways (no designator at present)	None	29-43-20N 32-20-45E	Undeterminable	U/C	No bldgs present yet			0447-12HL, May 62	58-B	28
Cairo (no designator at present)	None	30-02-50N 30-50-05E	Link	Complete	No on-site support facility			0447-11AL, May 61	2-Z-8	29
<u>SAM Support Facility</u>										
As Suways		29-59-55N 32-31-30E	Type II	Complete	-----		0447-13AL, Apr 62	58-C	30	

*On-site support facilities are present at the SA-2 SAM sites except as indicated. On-site support facilities at SA-2 SAM sites will be discussed in detail in a future NPIC report.

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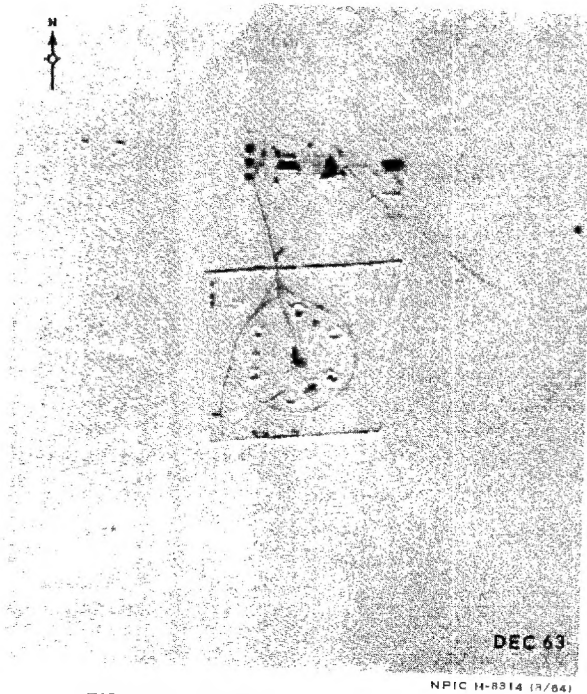


FIGURE 1. AKTYUBINSK SAM SITE D20-2.

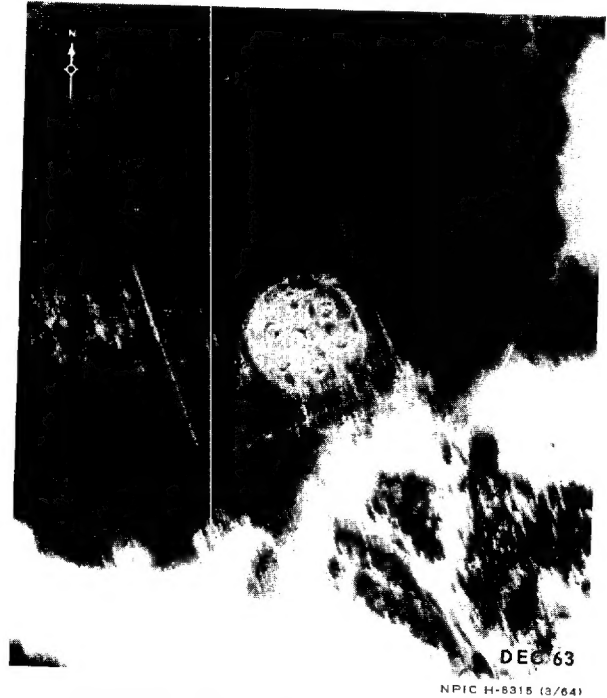


FIGURE 2. CHEREMKHOVO SAM SITE B18-2.



FIGURE 3. CHEREMKHOVO SAM SITE C10-2.



FIGURE 4. GORI SAM SITE B06-2.

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FIGURE 5. KALININGRAD SAM SITE A06-2.



FIGURE 6. KIROVABAD SAM SITE A16-2.

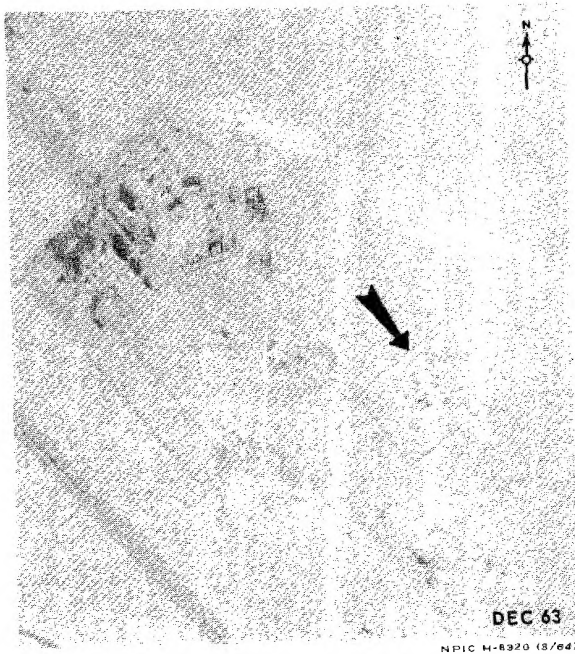


FIGURE 7. KIYEV SAM SITE B08-2.

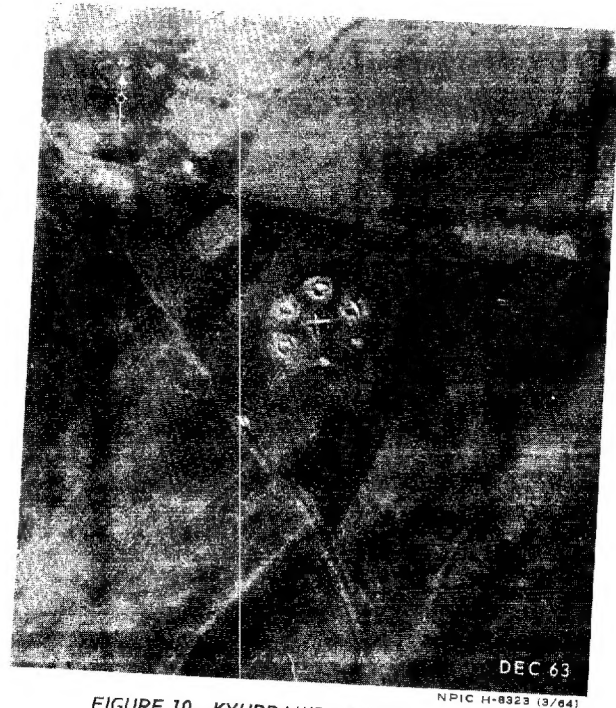


FIGURE 8. KOMSOMOLSK SAM SITE B22-2.

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DEC 63
NPIC H-8322 (3/64)
FIGURE 9. KROLEVETS SAM SITE B09-2.



DEC 63
NPIC H-8323 (3/64)
FIGURE 10. KYURDAMIR SAM SITE A02-2.



DEC 63
NPIC H-8324 (3/64)
FIGURE 11. MINGECHAUR SAM SITE C12-2.



DEC 63
NPIC H-8325 (3/64)
FIGURE 12. MINSK SAM SITE D26-2.

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FIGURE 13. MYS SHIPUNSKIY SAM SITE B31-2.



FIGURE 14. MYS SHIPUNSKIY SAM SITE A36-2.



FIGURE 15. OSTROG MRBM COMPLEX SAM SITE B15-2.

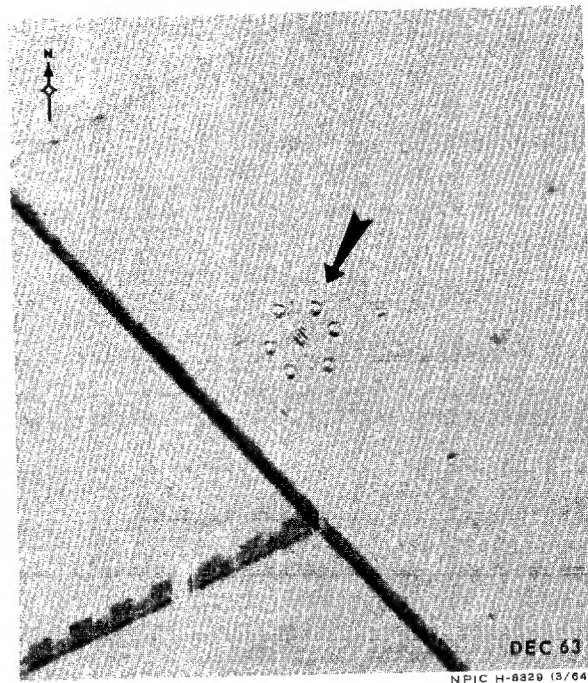


FIGURE 16. PRILUKI SAM SITE B33-2.

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FIGURE 17. RUBTSOVSK SAM SITE A09-2.



FIGURE 18. SVOBODNYI ICBM COMPLEX SAM SITE B01-2.



FIGURE 19. SVOBODNYI ICBM COMPLEX SAM SITE B09-2.



FIGURE 20. SVOBODNYI ICBM COMPLEX SAM SITE C29-2.

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FIGURE 21. VILNIUS SAM SITE A34-2.



FIGURE 22. VLADIVOSTOK SAM SITE C11-2.



FIGURE 23. ZHITOMIR SAM SITE A20-2



FIGURE 24. ZHITOMIR SAM SITE A31-2.

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FIGURE 25. IRKUTSK SAM SUPPORT FACILITY.

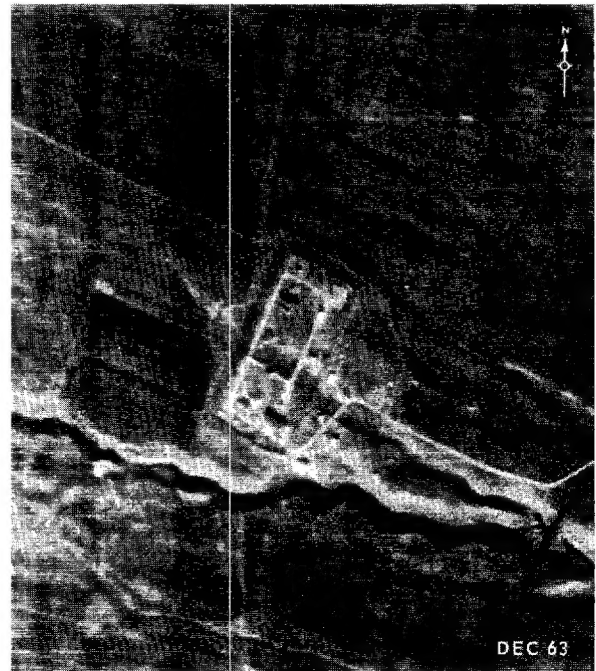


FIGURE 26. TBILISI SAM SUPPORT FACILITY.

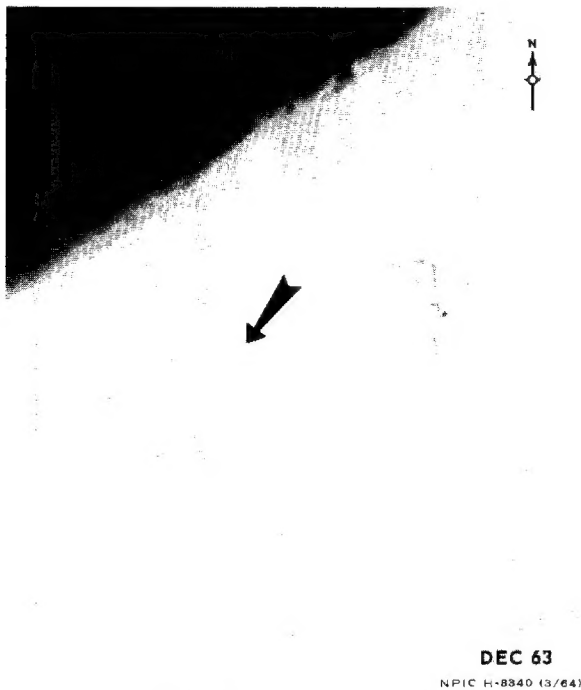


FIGURE 27. AL ISKANDARIYAH SA-2 SAM SITE (NO DESIGNATOR AT PRESENT).

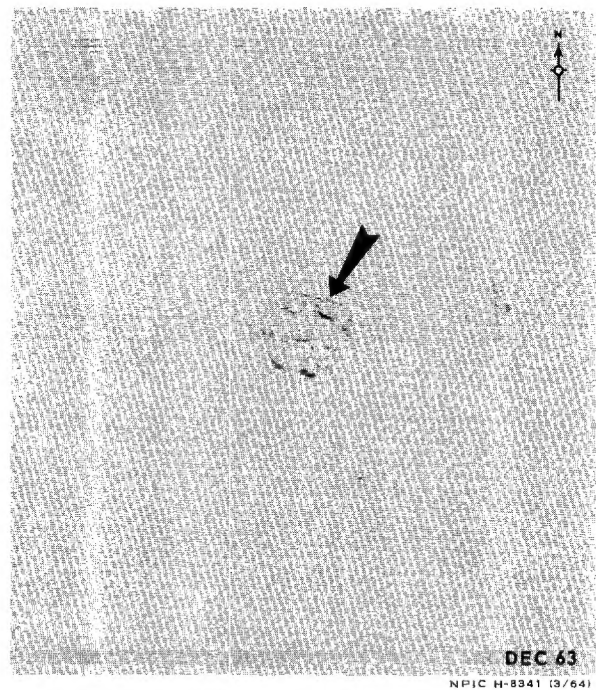


FIGURE 28. AS SUWAYS SA-2 SAM SITE (NO DESIGNATOR AT PRESENT).

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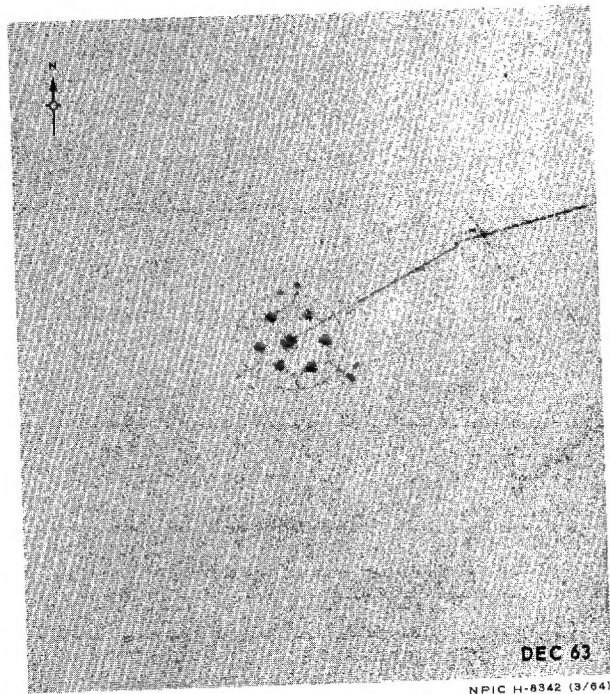


FIGURE 29. CAIRO SA-2 SAM SITE (NO DESIGNATOR AT PRESENT).

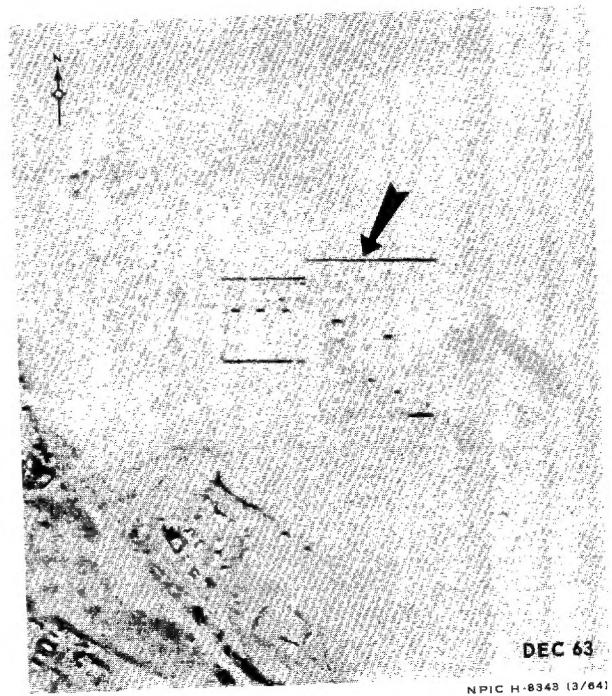


FIGURE 30. AS SUWAYS SAM SUPPORT FACILITY.

REFERENCES

PHOTOGRAPHY

Classification

25X1D

REQUIREMENT
C-RR4-81,019
NPIC PROJECT
N-133/64

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SAM INSTALLATIONS IDENTIFIED ON KEYHOLE MISSION 9062



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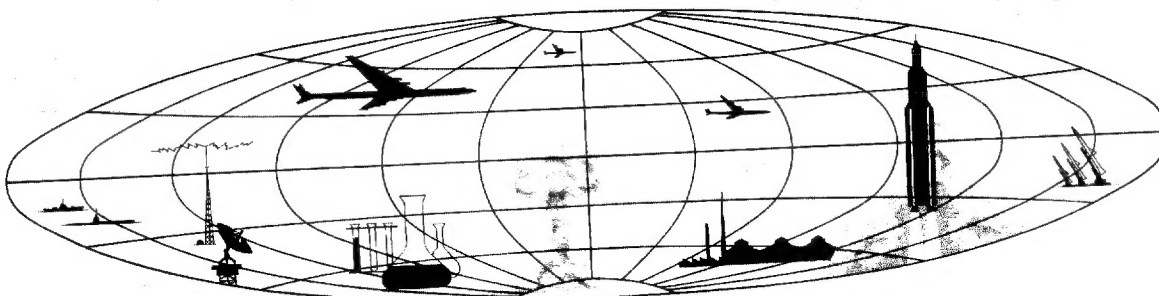
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